JOURNAL OF MOLECULAR STRUCTURE, VOLUMES 217–219 (1990)

AUTHOR INDEX

Adler, B., 217 (1990) 297
Akimchenko, I.P., 219 (1990) 89
Alig, I., 219 (1990) 365
Almgren, M., 219 (1990) 377
Ambroz, M., 219 (1990) 287
Amorim da Costa, A.M., 218 (1990) 105
Anachkova, E., 219 (1990) 31
Andreeva, L., 219 (1990) 111
Anshukova, N.V., 219 (1990) 147
Antonović, D.G., 218 (1990) 81; 219 (1990) 245
Arias, M.S., 218 (1990) 87, 93
Arias-Perez, M.S., 218 (1990) 175
Aroca, R., 218 (1990) 351
Arshinova, R.P., 218 (1990) 21
Atanasov, R.D., 219 (1990) 389
Avakyan, V.G., 218 (1990) 99
Avakyants, L.P., 219 (1990) 141

Babkov, L.M., 218 (1990) 207
Baglin, F.G., 218 (1990) 297
Bairamov, B.H., 219 (1990) 19
Balevitius, V., 219 (1990) 123
Barabash, A.I., 219 (1990) 101
Bartecki, A., 218 (1990) 267
Basche', T., 218 (1990) 387
Batista da Carvalho, L.A.E., 218 (1990) 105
Battisti, D., 218 (1990) 351
Baumruk, V., 219 (1990) 299
Beckenkamp, K., 219 (1990) 1
Bednář, B., 219 (1990) 377
Belhakem, M., 218 (1990) 309
Belkina, G.A., 219 (1990) 257
Berezhinsky, L.I., 219 (1990) 79
Besenyei, G., 218 (1990) 237
Bibik, V.A., 219 (1990) 159
Bini, R., 218 (1990) 117; 219 (1990) 43
Biscarini, P., 219 (1990) 117
Blagoi, Yu.P., 219 (1990) 311
Bleckmann, P., 219 (1990) 7
Boegel, H., 217 (1990) 335
Boettcher, U., 217 (1990) 341
Bogunović, L.J., 219 (1990) 227
Boldyrev, N.Y., 219 (1990) 153
Bolesov, I.G., 218 (1990) 195
Böse, H., 218 (1990) 393, 405
Braathen, G.O., 218 (1990) 67
Bräuchle, C., 218 (1990) 387
Braude, B., 218 (1990) 51
Breitinger, D.K., 218 (1990) 27
Brillante, A., 219 (1990) 117
Broda, M.A., 219 (1990) 215
Bródka, A., 218 (1990) 297
Brouwer, A.M., 217 (1990) 151
Bruchman, G., 219 (1990) 31
Bukhmarina, V.N., 218 (1990) 33
Bulgakov, N.N., 218 (1990) 231
Burlakov, V.M., 219 (1990) 153
Busca, G., 218 (1990) 363, 417
Butenko, O.Ju., 218 (1990) 195
Bykovskaya, L.A., 218 (1990) 375

Carmonsa, P., 219 (1990) 323
Cavagnet, R., 219 (1990) 183
Ceulemans, J., 218 (1990) 13
Checulaeva, L.A., 218 (1990) 183
Chikishev, A.Yu., 219 (1990) 347
Chmurzyński, L., 218 (1990) 129
Chotiy, C.Ju., 218 (1990) 153
Chuiko, A.A., 218 (1990) 375, 447, 453
Colditz, R., 218 (1990) 39
Colomban, Ph., 218 (1990) 123
Constantinescu, R., 218 (1990) 111
Csonka, G., 218 (1990) 201
Czarnik-Matusewicz, B., 219 (1990) 221
Czerney, P., 219 (1990) 411

Daehne, S., 219 (1990) 403
Dalibart, M., 218 (1990) 1
Danilevskaya, L.B., 218 (1990) 183
Davydova, N.A., 219 (1990) 159
de Bruijn, H.E., 218 (1990) 345
Dekhtyar, M.L., 217 (1990) 195
Della Valle, R.G., 218 (1990) 117

Denkova, P.S., 217 (1990) 169
Derouault, J., 218 (1990) 1
Dian, J., 219 (1990) 287
Djeteli, G., 219 (1990) 131
Dobers, S., 217 (1990) 297
Dobrowolski, J.Cz., 219 (1990) 233, 239
Dressler, J., 219 (1990) 177
Durig, J.R., 217 (1990) 221
Dyadyusha, G.G., 217 (1990) 195
Dymova, N.N., 219 (1990) 89
Dyrek, K., 219 (1990) 85
Dyrek, M., 219 (1990) 73

Eenink, R.G., 218 (1990) 345
Egorova, L.V., 218 (1990) 21
Egyed, O., 218 (1990) 135
El-Bindary, A.A., 218 (1990) 73
Eremenko, A.M., 218 (1990) 447
Eremenko, V.V., 219 (1990) 189, 199
Ermolaeva, L.V., 218 (1990) 195
Ermolina, I.V., 219 (1990) 293
Eshimov, K.E., 219 (1990) 101

Fabian, H., 217 (1990) 99
Fassler, D., 219 (1990) 417
Fedotov, V.D., 219 (1990) 293
Fejes, P., 218 (1990) 369
Feldman, Yu.D., 219 (1990) 293
Feller, K.-H., 219 (1990) 417
Fernandez-Ibañez, M., 218 (1990) 175
Ferreira, M.M.C., 218 (1990) 285
Fidler, V., 219 (1990) 377
Firsov, E.I., 219 (1990) 153
Foggi, P., 218 (1990) 117; 219 (1990) 43
Ford, T.A., 217 (1990) 307
Förster, H., 218 (1990) 369, 393, 399, 405
Fouassier, M., 219 (1990) 183
Fritzsche, H., 219 (1990) 275, 341
Frolov, Yu.L., 217 (1990) 265
Fugaeva, O.M., 218 (1990) 169
Furer, V.L., 218 (1990) 249
Furin, G.G., 218 (1990) 169

Gadonas, R., 219 (1990) 417
Gagauzov, I., 219 (1990) 329
Galat, V.F., 218 (1990) 153
Gallego, E., 219 (1990) 251
Galvez, E., 218 (1990) 87, 93
Galvez-Ruano, E., 218 (1990) 175
Garbuzova, I.A., 218 (1990) 183
Garcia, M.V., 218 (1990) 213
Gatial, A., 218 (1990) 51, 59, 67
Gavrilko, T.A., 218 (1990) 411; 219 (1990) 101
Gergs, M.K., 219 (1990) 177
Giermańska, J., 219 (1990) 95
Giorgini, M.G., 218 (1990) 303
Goehlert, K., 219 (1990) 135
Golovashkin, A.I., 219 (1990) 147
Golovina, N.A., 218 (1990) 207
Golovko, V.F., 218 (1990) 291
Gonchar, N.P., 219 (1990) 257
Gorelik, V.S., 219 (1990) 141, 147
Gospodimov, M., 219 (1990) 31
Gravilenko, V.V., 218 (1990) 183
Grecu, R., 218 (1990) 111
Greenwald, I.I., 218 (1990) 255
Gregor, M., 218 (1990) 435
Greve, J., 218 (1990) 345
Grodzicki, M., 218 (1990) 405
Grotemeyer, J., 217 (1990) 51
Grummt, U.-W., 219 (1990) 417
Grupče, O., 219 (1990) 61
Guenthard, H.H., 217 (1990) 143
Guerin, R., 219 (1990) 131
Gunde, R., 217 (1990) 143

Ha, T.-K., 217 (1990) 143
Hacura, A., 218 (1990) 297
Hadzhiysky, Yu.A., 219 (1990) 153
Haiduc, I., 218 (1990) 111
Hala, J., 219 (1990) 287
Hartmann, H., 219 (1990) 383, 411
Hauche, G., 219 (1990) 411
Haufe, G., 219 (1990) 353
Haussühl, S., 219 (1990) 49
Hawranek, J.P., 219 (1990) 215, 221
Henning, J., 219 (1990) 1, 59
Hergeth, W.-D., 219 (1990) 365
Hernandez, V., 219 (1990) 397
Hernandez-Laguna, A., 218 (1990) 175
Herrmann, G., 217 (1990) 99
Herzberg, G., 217 (1990) xi
Herzig, S., 217 (1990) 115
Himmrich, J., 219 (1990) 49
Hoelzer, W., 217 (1990) 99
Hoffmann, A., 217 (1990) 207
Hoffmann, K., 219 (1990) 403

Hoffmann, S.K., 219(1990)85
Hoffmann, V., 218(1990)441
Hohmann, H., 218(1990)273
Holly, S., 218(1990)135, 237
Holmes, S., 219(1990)377
Hölzer, W., 217(1990)253
Hommel, R., 219(1990)353
Hopf, H., 218(1990)59
Hopfe, V., 217(1990)115
Horn, A., 218(1990)59

Ignatchenko, A.V., 218(1990)195
Ilge, H.-D., 218(1990)39; 219(1990)411
Irmer, G., 219(1990)19, 135
Ivanova, L.I., 219(1990)147
Ivanovski, G., 219(1990)111
Izvekov, V.P., 218(1990)135

Jamróz, M.E., 219(1990)239
Jordanov, B., 218(1990)159, 309; 219(1990)165
Jovanovič, B.Ž., 219(1990)317
Jovanovski, G., 219(1990)61

Kachkovsky, A.D., 217(1990)195
Kadyrov, R., 218(1990)21
Kaldugin, D.A., 219(1990)203
Kalinkova, G.N., 219(1990)329
Kamalov, V.F., 217(1990)19
Kamba, S., 219(1990)89
Kaschke, M., 217(1990)1
Kazachkov, A.R., 219(1990)189, 199
Kelly, G., 218(1990)435
Keresztury, G., 218(1990)237
Khashimov, R.N., 219(1990)147
Kim Man Bok, , 217(1990)161
Kimtys, L., 219(1990)123
Kinnaes, A., 218(1990)13
Kircheva, P.P., 218(1990)279
Kiricsi, I., 218(1990)369
Kiselev, A.A., 218(1990)339
Klaeboe, P., 218(1990)51, 59, 67, 73
Kleber, H.-P., 219(1990)353
Klobes, P., 217(1990)115
Kneipp, K., 218(1990)357
Köhler, J., 219(1990)37
Kolbe, A., 218(1990)189
Kolev, D., 218(1990)159; 219(1990)165
Kooyman, R.P.H., 218(1990)345
Korobeinicheva, I.K., 218(1990)169
Koroteev, N.I., 217(1990)19
Korte, E.H., 218(1990)159, 381
Kosov, A.V., 218(1990)207
Köster, G., 217(1990)51
Kotelnikov, V.A., 218(1990)183
Kraiskaya, K.V., 219(1990)153
Krasauskas, V., 219(1990)417
Krasnosvobodtzev, S.I., 219(1990)153
Krestev, V., 219(1990)329
Krumphanzl, U., 218(1990)27
Krushelnitsky, A.G., 219(1990)293
Kulagin, N., 219(1990)13
Kuneva, M., 219(1990)165
Kurashev, V.V., 218(1990)183

Labanowska, M., 219(1990)85
Ladokhin, A.S., 219(1990)347
Lalov, I.J., 219(1990)389
Landmesser, H., 217(1990)341
Lange, J., 219(1990)365
Langkilde, F.W., 217(1990)151
Lau, A., 217(1990)161
Lavalley, J.C., 218(1990)417
Le Roy, A., 219(1990)131
Lebedeva, N.V., 219(1990)347
Leblanc, R.M., 217(1990)69
Lege, R., 218(1990)435
Lewandowski, W., 219(1990)335
Liapzev, A.V., 218(1990)339
Limonov, M., 219(1990)31
Lindner, J., 217(1990)51
Linke, E., 218(1990)225
Linsenbarth, K., 219(1990)383
Lion, M., 218(1990)417
Lipinska-Kalita, K.E., 219(1990)107
Lipkowski, J., 219(1990)209
Lisitsa, M.P., 219(1990)79
Little, T.S., 217(1990)221
Liwo, A., 218(1990)129
Lochmann, R., 219(1990)365
Lokshin, B.V., 218(1990)183, 255
Lopez Navarrete, J.T., 219(1990)397
Lorenzelli, V., 218(1990)417
Luck, W.A.P., 217(1990)281; 218(1990)213, 333
Lunelli, B., 218(1990)303
Lutz, H.D., 219(1990)1, 49, 59
Luyckx, G., 218(1990)13

Maache, M., 218(1990)417
Malavašič, T., 219(1990)371
Mannfors, B., 218(1990)315
Mantsch, H.H., 217(1990)347
Maraval, P., 219(1990)183
Marcos, J.I., 219(1990)397
Markov, Y., 219(1990)31
Maršalka, A., 219(1990)123
Marx, G., 217(1990)115
McElhaney, R.N., 217(1990)347
Mentel, T.F., 218(1990)333
Michalowsky, L., 219(1990)135
Michel, D., 219(1990)177
Mickelson, M.E., 217(1990)85
Mikhailenko, S.N., 218(1990)291
Mikhova, B.P., 217(1990)169
Mikosch, H., 218(1990)243
Milenov, T., 219(1990)31
Minceva-Sukarova, B., 219(1990)111
Mioč, U., 218(1990)123
Mioč, U.B., 219(1990)227
Mirčeva, A., 219(1990)371
Mit'ko, A.G., 219(1990)153
Mitsen, K.V., 219(1990)147
Mlynek, C., 218(1990)59
Molina, M., 219(1990)323
Moll, M., 218(1990)27
Monecke, J., 219(1990)19, 135
Morcillo, J., 219(1990)251
Mordziński, A., 219(1990)209
Mowbray, D.J., 219(1990)107
Mukhtar, E., 219(1990)377
Muniz-Miranda, M., 218(1990)423, 429
Myrczek, J., 218(1990)267

Nagy, J., 218(1990)201
Nakamoto, K., 219(1990)335
Narahari Rao, K., 217(1990)85
Negri, F., 217(1990)151
Nemes, L., 218(1990)219
Neto, N., 218(1990)423, 429
Nielsen, C.J., 218(1990)51, 59, 67, 73
Nikiel, L., 218(1990)297
Nikolić, A.D., 218(1990)81; 219(1990)245
Nikolov, A., 219(1990)31
Nocentini, M., 218(1990)423, 429
Novak, A., 217(1990)35; 218(1990)123
Nowak, M.J., 219(1990)209
N'Soukpoé-Kossi, C.N., 217(1990)69
Nyulászi, L., 218(1990)201

Obrastsova, E.D., 219(1990)141
Oelkrug, D., 218(1990)435
Orlandi, G., 217(1990)151
Osipova, G.E., 218(1990)231
Oskam, A., 217(1990)131, 325
Osredkar, U., 219(1990)371
Ovcharova, G., 219(1990)329

Paeng, I.R., 219(1990)335
Palmö, K., 218(1990)315
Paluszkiewicz, C., 219(1990)73
Pechen, E.V., 219(1990)153
Pedersen, B., 218(1990)59
Pelant, I., 219(1990)287
Peral, F., 219(1990)251
Perišić-Janjić, N.U., 219(1990)245
Perminova, O.G., 219(1990)359
Pešič, M.B., 219(1990)317
Petrik, A., 219(1990)245
Petrosyan, A.M., 219(1990)101
Petrov, L., 219(1990)329
Petrović, S.D., 218(1990)81
Petruševski, V., 219(1990)67, 171
Pfeiffer, M., 217(1990)161
Pietilä, L.-O., 218(1990)315
Piskarskas, A., 219(1990)417
Platitsa, M.S., 218(1990)153
Plemenkov, V.V., 218(1990)195
Podschadlowski, R., 217(1990)207
Pohle, W., 219(1990)281, 341
Polaczek, J., 219(1990)239
Polishchuk, A.P., 218(1990)207
Popov, V.K., 218(1990)225
Port, H., 218(1990)45
Powell, D.L., 218(1990)51
Predtechensky, Yu.B., 218(1990)33
Procházka, K., 219(1990)377
Proniewicz, L.M., 219(1990)335
Puchkovskaya, G.A., 218(1990)141, 207; 219(1990)101
Pungor, E., 218(1990)135

Quapp, W., 218(1990)261

Radchenko, E.D., 219(1990)311
Radloff, W., 218(1990)273
Ramis, G., 218(1990)417

Raso, M.A., 218 (1990) 213
Redondo, M.I., 218 (1990) 213
Réffy, J., 218 (1990) 201
Reich, P., 218 (1990) 189; 219 (1990) 177
Ribnikar, S.V., 219 (1990) 227
Richter, A., 217 (1990) 253
Rico, B., 218 (1990) 93
Ristau, O., 217 (1990) 99
Rossberg, M., 218 (1990) 225
Rossi, P.F., 218 (1990) 417
Rothschild, W.G., 217 (1990) 181
Rudolph, W., 217 (1990) 1
Rusakov, A.P., 219 (1990) 147
Rybachenko, V.I., 218 (1990) 153

Šablinskas, V., 219 (1990) 123
Sainz-Diaz, C.I., 218 (1990) 175
Salvi, P.R., 219 (1990) 43
Salzer, R., 219 (1990) 177
Samartsev, V.V., 219 (1990) 189
Samchuk, S.A., 218 (1990) 453
Savatinova, I.T., 219 (1990) 165
Sbrana, G., 218 (1990) 423, 429
Schenzel, K., 218 (1990) 189
Scherzer, T., 219 (1990) 365
Schettino, V., 219 (1990) 43
Schlag, E.W., 217 (1990) 51
Schlemmbach, H., 219 (1990) 177
Schmid, D., 219 (1990) 37
Schmidt, Th., 219 (1990) 37
Schrader, B., 217 (1990) 207
Schröter, O., 217 (1990) 253
Schubert, E., 217 (1990) 341
Sennikov, P.G., 219 (1990) 203
Shagidullin, R.R., 218 (1990) 21, 147
Shakirov, I.Ch., 218 (1990) 21
Shakirov, I.Kh., 218 (1990) 147
Shcherba, L.D., 218 (1990) 33
Sheina, G.G., 219 (1990) 311
Sherman, W.F., 219 (1990) 171
Shiyanovskaya, I.V., 218 (1990) 411
Shkrunin, V.E., 219 (1990) 203
Shkurinov, A.P., 217 (1990) 19
Shurpach, V.I., 219 (1990) 257
Silaeva, N.B., 219 (1990) 189, 199
Silaghi-Dumitrescu, I., 218 (1990) 111
Simeonov, M.F., 217 (1990) 169
Simeonov, S.D., 218 (1990) 279
Simon, A., 217 (1990) 207
Simone, R., 219 (1990) 43
Sivchik, V.V., 219 (1990) 263, 269
Sklenar, H., 217 (1990) 99
Smeyers, Y.G., 218 (1990) 175
Smirnova, N.P., 218 (1990) 453
Snoeck, Th.L., 218 (1990) 7
Sobolev, P.N., 218 (1990) 147
Sokolovska, A., 218 (1990) 189
Somoza, A., 218 (1990) 87
Šoptrajanov, B., 219 (1990) 61, 67
Sourisseau, C., 219 (1990) 183
Sowińska, M., 218 (1990) 267
Spassov, S.L., 217 (1990) 169
Staat, H., 218 (1990) 381
Stach, J., 219 (1990) 353
Steen, D., 219 (1990) 411
Steger, W.E., 217 (1990) 341
Štěpánek, J., 219 (1990) 299
Stepanian, S.G., 219 (1990) 311
Stepkin, V.I., 218 (1990) 411
Stienlet, D., 218 (1990) 13
Strube, W., 218 (1990) 225
Stufkens, D.J., 217 (1990) 131, 325; 218 (1990) 7
Sundius, T., 218 (1990) 321
Svestarov, P., 219 (1990) 31
Syassen, K., 219 (1990) 117
Szostak, M.M., 219 (1990) 95
Sztraka, L., 218 (1990) 327

Tadič, Ž.D., 219 (1990) 317
Taranenko, N.L., 219 (1990) 79
Tarjani-Rozsa, M., 219 (1990) 245
Tasev, V., 219 (1990) 31
Tasi, Gy., 218 (1990) 369
Teixeira-Dias, J.J.C., 218 (1990) 105
Terenetskaya, I.P., 219 (1990) 359
Thibud, M., 219 (1990) 7
Tischer, M., 217 (1990) 207
Titov, E.V., 218 (1990) 153; 219 (1990) 257
Tokhadze, K.G., 219 (1990) 203
Toleutaev, B.N., 217 (1990) 19; 219 (1990) 347
Toporov, V.V., 219 (1990) 19
Toth, K., 218 (1990) 135
Tóth, T., 218 (1990) 201
Trauger, J.T., 217 (1990) 85
Tsankov, D., 218 (1990) 159
Tyuterev, Vl.G., 218 (1990) 291

Uhl, S., 218 (1990) 435
Ulrich, K., 218 (1990) 45

Vacha, M., 219 (1990) 287
Vajda, Š., 219 (1990) 377
Vajs, V.E., 219 (1990) 317
Vakar, V.M., 218 (1990) 195
van den Bosch, A., 218 (1990) 13
Veszprémi, T., 218 (1990) 201
Vlčková, B., 218 (1990) 7
Vogt, J., 218 (1990) 219
Voronkov, M.G., 217 (1990) 265
Vuurman, M.A., 217 (1990) 325

Wagner, D., 217 (1990) 115
Wang, A.Y., 217 (1990) 221
Wartewig, S., 219 (1990) 365
Wawer, I., 218 (1990) 165
Weber, L., 219 (1990) 353
Weiss, J., 218 (1990) 441
Welfle, H., 217 (1990) 99
Werncke, W., 217 (1990) 161
Weselucha-Birczyńska, A., 219 (1990) 73, 85
Wilbrandt, R., 217 (1990) 151
Wilhelmi, B., 217 (1990) 1
Wilkinson, F., 218 (1990) 435
Will, J., 217 (1990) 297
Windsch, W., 219 (1990) 177
Winnewisser, G., 217 (1990) 363
Winnewisser, M., 218 (1990) 219
Wojcik, M.J., 219 (1990) 305
Wolf, B., 219 (1990) 25
Wollbrandt, J., 218 (1990) 225

Yakimova, O.I., 218 (1990) 447
Yakubov, A.A., 218 (1990) 141
Yaremko, A.M., 219 (1990) 101
Yeo, G.A., 217 (1990) 307
Yeremenko, A.M., 218 (1990) 375, 453; 219 (1990) 359
Yurchenko, E.N., 218 (1990) 231

Zakharieva-Pencheva, O., 218 (1990) 399, 405
Závětová, M., 219 (1990) 89
Zeegers-Huyskens, Th., 217 (1990) 239
Zehe, A., 219 (1990) 25
Zhbankov, R.G., 219 (1990) 269
Zibarev, A.V., 218 (1990) 169
Zinoviev, P.V., 219 (1990) 189, 199
Zsombok, Gy., 218 (1990) 201
Zverev, V.V., 218 (1990) 195

JOURNAL OF MOLECULAR STRUCTURE, VOLUMES 217–219 (1990)

SUBJECT INDEX

Acridine molecules,
Photoprotolytic interaction of acridine molecules with SiO_2 active centers, 218 (1990) 453

Acyl salts,
IR- and NMR-spectra and structure of acyl salts of azomethins, 218 (1990) 153

Adenine,
Low temperature vibrational and vibronic spectra of adenine single crystals, 219 (1990) 299

Alkali-halide,
UV-light-induced defects in alkali-halide crystals KBr and KI with molecular ions NO_2^-, 219 (1990) 79

Alkenyl phosphonic acids,
STO-4G–SCF–MO calculations and NMR measurements for alkenyl phosphonic acids, 218 (1990) 175

Alkylalkenylcyclopropanes and alkylalkenylcyclopropenes,
Photoelectron spectra, orbital interaction, and conformations of alkylalkenylcyclopropanes and alkylalkenylcyclopropenes, 218 (1990) 195

Alums,
Vibrational spectra of hexaaqua complexes: I. Assignments of water librational bands in the spectra of some alums, 219 (1990) 67

Amidines,
Hindered rotation in amidines, 218 (1990) 165

Amorphous oxides,
Infrared spectra of amorphous oxides, 217 (1990) 341

Amorphous systems,
Picosecond dynamics in amorphous systems with local order, 217 (1990) 181

Anthracene,
Excited complex formation between anthracene and *N*, *N*-diethylaniline on the silica surface, 218 (1990) 447

Antitumor drug-induced changes,
Infrared linear dichroism as a tool to monitor antitumor drug-induced changes of the conformational flexibility of biopolymers, 219 (1990) 275

Atomic polar tensor partition,
Interpretation of infrared intensities based on the atomic polar tensor partition. The ROH molecules (R=H, CH_3, NH_2, OH, F), 218 (1990) 285

Azomethins,
IR- and NMR-spectra and structure of acyl salts of azomethins, 218 (1990) 153

Benzene,
Photo-aggregation and photo-dissociation of complexes between Cr micro-aggregates and benzene in Ar matrices, 218 (1990) 1

Benzo[*c*]cinnoline,
Surface enhanced Raman scattering of benzo[*c*]cinnoline, 218 (1990) 423

Benzoxazole derivatives,
The structure and spectroscopy of H-bonded benzoxazole derivatives, 219 (1990) 209

Biological active compounds,
Application of modern NMR techniques for conformational analysis and assignment of NMR parameters of biological active compounds, 217 (1990) 169

Bis-crown ethers,
Investigation of bis-crown ethers for ion-selective electrodes by FT-IR spectroscopy, 218 (1990) 135

Bisbenzene complexes,
Charge separation study in bisbenzene complexes of metals by theoretical analysis of infrared intensities, 218 (1990) 255

Bis[cinchoninium tetrachloro-copper(II)] trihydrate,

EPR single crystal spectra of magnetically diluted bis[cinchoninium tetrachlorocopper(II)] trihydrate, 219 (1990) 85

Butene,
Normal coordinate analysis of *trans*- and *cis*-butene adsorbed in zeolites A, 218 (1990) 399

Caprolactamates,
Vibrational spectra and the structure of I and II group metals caprolactamates, 218 (1990) 183

Carbocation formation,
UV–vis spectroscopic and theoretical studies about carbocation formation on solid surfaces, 218 (1990) 369

1,2-Carbodicyanocyclobuten-3,4-dione dianion,
The planar harmonic force field for 1,2-carbodicyanocyclobuten-3,4-dione dianion, 218 (1990) 303

Carbon dioxide,
High pressure Raman study of Fermi resonance spectrum in gaseous carbon dioxide, 218 (1990) 297

Cefazolin Na,
Comparative IR-spectral studies of different modifications of the antibiotic Cefazolin Na, 219 (1990) 329

Ceramics,
Structural investigation of (Pb, La)TiO_3 ceramics by second derivative FTIR spectroscopy, 219 (1990) 177

CH_2,
The history of the discovery of the spectra of CH_2 and H_3, 217 (1990) xi

Chloranil crystal,
Vibrational exciton states and structural phase transition in chloranil crystal, 219 (1990) 131

2-(Chloromethyl)-2-methyl-1,3-dichloropropane,
IR matrix isolation studies of the conformations of 1,3-dichloro-2,2-dimethylpropane and 2-(chloromethyl)-2-methyl-1,3-dichloropropane, 218 (1990) 67

Cholesteric solutions,
FTIR-CD of induced cholesteric solutions, 218 (1990) 159

Cholesteryl n-alkanoates,
IR study of the cholesteryl n-alkanoates conformation mobility, 218 (1990) 141

Chromyl compounds,
Electronic absorption spectra of chromyl compounds, 218 (1990) 267

Cinchoninium,
FT-IR spectra of water in cinchoninium tetrachlorocadmate(II) dihydrate and cinchoninium tetrachlorozincate(II) dihydrate complexes, 219 (1990) 73

Clusters,
The theory of electronic structure of clusters, 219 (1990) 13
How to catch clusters frozen into single crystals during growth?, 219 (1990) 25

Coherent antistokes Raman scattering,
Theory, applications and limitations of time resolved resonance coherent antistokes Raman scattering, 217 (1990) 161

Complex molecules,
On application of vibrational spectroscopy to the study of chemical bonds in complex molecules, 218 (1990) 231

Conjugated molecules,
Utilization of overlay and ab initio force fields in the construction of empirical potential energy functions for conjugated molecules, 218 (1990) 315

Conjugated polymers,
A simple approach for describing the optical properties of conjugated polymers, 219 (1990) 383

Conjugated systems,
Colour and topology of conjugated systems, 217 (1990) 195

Cr micro-aggregates,
Photo-aggregation and photo-dissociation of complexes between Cr micro-aggregates and benzene in Ar matrices, 218 (1990) 1

Cr(III) tris(3,4,5,6-tetrachloro-1,2-benzosemiquinone) complex,
Resonance Raman excitation profiles of a diamagnetic Cr(III) tris(3,4,5,6-tetrachloro-1,2-benzosemiquinone) complex, 218 (1990) 7

Cresol–urea,
Infrared studies on *o*-, *m*- and *p*-cresol–urea (1:1) complexes, 219 (1990) 233

CrO_3–Al_2O_3 catalysts,
Characterization of CrO_3–Al_2O_3 catalysts by Raman spectroscopy, 217 (1990) 325
Cryometric studies,
Infrared and cryometric studies on hydrogen bonding on carbazole with selected tertiary amides, 219 (1990) 239
Cyclohexylallene,
The IR, Raman and NMR spectra and conformations of cyclohexylallene, 218 (1990) 59
Cyclopropane,
Study of the geometry of cyclopropane adsorbed on a calcium ion in zeolites A by SCC-Xα calculations, 218 (1990) 405

Davydov components,
Vibrational relaxation of Davydov components of the 940 cm^{-1} mode in $KClO_4$ crystal, 219 (1990) 43
Diazanaphthalenes,
Salt-induced orientation of diazanaphthalenes adsorbed on silver sols, as detected by SERS, 218 (1990) 429
Diazomethane,
Analysis of the three lowest frequency vibration–rotation bands of diazomethane, 218 (1990) 219
1,3-Dichloro-2,2-dimethylpropane,
IR matrix isolation studies of the conformations of 1,3-dichloro-2,2-dimethylpropane and 2-(chloromethyl)-2-methyl-1,3-dichloropropane, 218 (1990) 67
2,4-Dichlorophenol,
Vibrational dephasing of ν_s(OH) in 2,4-dichlorophenol, 219 (1990) 215
Dielectric spectroscopy,
NMR and dielectric spectroscopy investigation of protein dynamical structure, 219 (1990) 293
N,*N*-Diethylaniline,
Excited complex formation between anthracene and *N*, *N*-diethylaniline on the silica surface, 218 (1990) 447
Diffuse reflectance measurements,
Influences of surface reflections on diffuse reflectance measurements, 218 (1990) 381
Dioxygen adducts,
Vibrational spectra of dioxygen adducts and oxo complexes of ruthenium tetraphenylporphine (RuTPP), 219 (1990) 335
1,3-Dithia-5,6-benzocycloheptenes,
Raman spectroscopy and conformations of 1,3-dithia-5,6-benzocycloheptenes, 218 (1990) 147
DNA sequences,
Solution conformations of protein-binding DNA sequences: characterization by vibrational spectroscopy and energy minimization procedures, 217 (1990) 99
DNA–ligand interactions,
Infrared spectroscopy as a tool for investigations of DNA structure and DNA–ligand interactions, 219 (1990) 341
Dye molecules,
The effect of internal rotation on absorption and fluorescence of dye molecules, 219 (1990) 411

Electrochromic thin films,
IR and optical spectroscopy of structural changes of WO_3 electrochromic thin films, 218 (1990) 411
EPR single crystal spectra,
EPR single crystal spectra of magnetically diluted bis[cinchoninium tetrachloro-copper(II)] trihydrate, 219 (1990) 85
Ester structure,
Band intensities in vibrational spectra and ester structure, 218 (1990) 249
Ethyl acetate,
IR spectra of ethyl acetate and perfluoro-tert-butanol–ethyl acetate complex at different temperatures, 218 (1990) 213
Excited electronic states,
Coherent Raman spectroscopy of excited electronic states of large molecules with picosecond time resolution, 217 (1990) 19
Exciton-dispersion,
The influence of exciton-dispersion on the lineshape of $NaNO_2$ fluorescence, 219 (1990) 37

Fast molecular processes,

Excitation and measurement of some very fast molecular processes with femtosecond light pulses, 217(1990)1

Femtosecond light pulses,
Excitation and measurement of some very fast molecular processes with femtosecond light pulses, 217(1990)1

Fluorescence spectrochronography,
Picosecond fluorescence spectrochronography of protein melittin and melittin–membrane complexes, 219(1990)347

Fluorescence study,
Time-resolved fluorescence study of micellizing block copolymers, 219(1990)377

FTIR emission spectroscopy,
In-situ FTIR emission spectroscopy on chemical vapour deposition processes, 217(1990)115

Fulgides,
Electronic and steric substituent effects on the deactivation behaviour of fulgides, 218(1990)39
Optical investigations of the valence isomerizations of fulgides, 218(1990)45

GaAs,
Infrared and Raman spectra of N-implanted GaAs, 219(1990)89

Galactose,
The influence of H-bonds on the torsion vibrations and structure of D-glucose and D-galactose CCOH···O groups in a crystal, 219(1990)269

Glucose,
The influence of H-bonds on the torsion vibrations and structure of D-glucose and D-galactose CCOH···O groups in a crystal, 219(1990)269

Glycolipid,
Structure elucidation of an unusual glycolipid by two-dimensional NMR methods, 219(1990)353

H_3,
The history of the discovery of the spectra of CH_2 and H_3, 217(1990)xi

Haloacetylhalides,
Structural determinations of the haloacetyl halides by experimental and computational methods, 217(1990)1
The IR matrix isolation spectra and conformational energies of eight haloacetyl halides (CH_2X–COY; X, Y=F, Cl, Br), 218(1990)73

HCN,
Internal vibrational energy redistribution and vibrationally induced nonlinearity of HCN, 218(1990)261

Helical polymers,
Nonlinear optical susceptibilities of helical polymers, 219(1990)389

Heterocycles,
Vibrational, NMR, photoelectron spectra and conformational analysis of seven-membered heterocycles, 218(1990)21

Heteropolyacid hydrates,
Infrared and Raman study of some heteropolyacid hydrates, 218(1990)23

Hexaaqua complexes,
Vibrational spectra of hexaaqua complexes: I. Assignments of water librational bands in the spectra of some alums, 219(1990)67

Hexatrienes,
Time-resolved resonance Raman spectroscopy of 1,3,5-hexatrienes in the lowest excited triplet state. The potential energy surface in T_1, 217(1990)51

High resolution infrared spectra,
High resolution infrared spectra, 217(1990)85

High-T_c superconductors,
Vibrational spectra of high-T_c superconductors $YBa_2Cu_3O_x$. Evidence of interband hybridization, 219(1990)3

Hofmann-type clathrates,
A study of a host–guest interaction in Hofmann-type clathrates, 219(1990)111

Host–guest interaction,
A study of a host–guest interaction in Hofmann-type clathrates, 219(1990)111

Hydrogen,
IR spectra of hydrogen adsorbed on solids, 218(1990)363

Hydrogen sulphide, hydrogen selenide,
Vibrational spectra of liquefied high-

purity hydrogen sulphide, hydrogen selenide and their dilute water solutions, 219 (1990) 203
Hydroxylamine dimer,
The infrared spectrum of the hydroxylamine dimer, 217 (1990) 307

Infrared linear dichroism,
Infrared linear dichroism as a tool to monitor antitumor drug-induced changes of the conformational flexibility of biopolymers, 219 (1990) 275
Infrared spectroscopy,
Applications of infrared spectroscopy to biology and medicine, 217 (1990) 347
Infrared study,
Hydrogen bonding of *N*-monosubstituted amides. IR study of *N*-butylacetamides, 219 (1990) 245
Intensity calculations,
Interpretation of vibrational spectra by intensity calculations with semi-empirical methods, 218 (1990) 243
Ion implanted silicon,
Raman study of different phases in ion implanted silicon, 219 (1990) 141
Isopropenyl radical,
Structure and vibrational spectrum of isopropenyl radical, $H_2C–C^{\bullet}=CH_2$; ab initio MO study and normal coordinate analysis, 218 (1990) 99
Isotopic ratio,
Influence of the nature of the hydrogen bond on the isotopic ratio ν_{AH}/ν_{AD}, 217 (1990) 239

Langmuir–Blodgett monolayers,
Selective spectroscopic characterization of Langmuir–Blodgett monolayers using SERRS, 218 (1990) 351
Librational modes,
Single crystal Raman studies of the H_2O librational modes of isomorphic $MX_2 \cdot H_2O$ (M=Ba, Sr; X=Br, I), 219 (1990) 1
$Li_{1-x}H_xIO_3$,
Structural transformations and H-bonds in $Li_{1-x}H_xIO_3$ mixed crystals, 219 (1990) 101

Low temperature matrices,
Vibrational spectra and molecular structure of nuclei acid bases and their complexes in low temperature matrices, 219 (1990) 311
2,6-Lutidine,
High overtones investigation of non-equivalent C–H bonds in pyridine and 2,6-lutidine by thermal lensing spectroscopy, 218 (1990) 117

Matrix isolated molecules,
Static and dynamic aspects of matrix isolated molecules: are molecules isolated in rare gas matrices really force free?, 217 (1990) 143
Mercuriomethanes $[CH_{4-n}(HgX)_n]^{n-}$,
Vibrational and multinuclear NMR spectra of anionic mercuriomethanes $[CH_{4-n}(HgX)_n]^{n-}$, 218 (1990) 27
Mercury(II) halide complexes,
High pressure Raman spectra of trigonal and tetrahedral mercury(II) halide complexes: $[(CH_3)_3S][HgCl_3]$, 219 (1990) 117
Mesogen crystals,
Molecular structure and conformation changes of mesogen crystals, 218 (1990) 207
Methyl(*O*-methyl)dithiophosphonic acid,
The infrared spectra of methyl(*O*-methyl)-dithiophosphonic acid. Multiplicity of some bands due to different conformers, 218 (1990) 111
Micellizing block copolymers,
Time-resolved fluorescence study of micellizing block copolymers, 219 (1990) 377
Mixed SiO_2–GeO_2 glasses,
Vibrational study of mixed SiO_2–GeO_2 glasses, 219 (1990) 107
Molecular energy,
Methods and programs for analytical account of changes in molecular energy in crystals with hydrogen bonds and for calculation of their spectra, 219 (1990) 263
MOLVIB,

MOLVIB – a flexible program for force field calculations, 218 (1990) 321
Mononucleotides,
On the Raman spectra of mononucleotides, 219 (1990) 323
Monothiocarbamates,
Vibrational spectra of monothiocarbamates. I. Assignment and tentative force field of *S*-methyl-*N*, *N*-dimethylthiocarbamate, 218 (1990) 237
Multicomponent systems,
Hydrogen bonding in multicomponent systems, 219 (1990) 257
Multiphoton ionization mass spectrometry,
Multiphoton ionization mass spectrometry: methods and applications, 217 (1990) 51

N-Naphthyl,
Synthesis and spectroscopic study of some new *N*-naphthyl substituted 2-phenylacetamides, 218 (1990) 81
Nematic liquid crystal,
FTIR linear dichroic spectra of substances dissolved and oriented in a nematic liquid crystal, 218 (1990) 309
NIR-FT-Raman spectroscopy,
NIR-FT-Raman spectroscopy, state of the art, 217 (1990) 207
Nitrogen heterocycles,
Luminescence and transient absorption studies on bonding and mobility of nitrogen heterocycles on silica and alumina surfaces, 218 (1990) 435
Nonlinear optical susceptibilities,
Nonlinear optical susceptibilities of helical polymers, 219 (1990) 389
Nuclei acid,
Vibrational spectra and molecular structure of nuclei acid bases and their complexes in low temperature matrices, 219 (1990) 311

O–H and O–D stretching vibrations,
The O–H and O–D stretching vibrations in the hydrates of sodium and potassium saccharinate: spectra–structure correlations, 219 (1990) 61
Optical superradiance,
Optical superradiance in crystals – method of relaxation process studies, 219 (1990) 189
Optical waveguides,
IR absorbance in proton-exchanged $LiNbO_3$ optical waveguides, 219 (1990) 165
Organic crystals,
Liquid-like motion of molecules in the solid phases of organic crystals as studied by Raman and NMR spectroscopy, 219 (1990) 123
Organometallic chemistry,
Resonance Raman spectroscopy in organometallic chemistry. Characterization of electronic transitions and interpretation of photochemical data, 217 (1990) 131
Orotic acid,
Self-association of pyridine carboxylic acids and orotic acid in aqueous solution. An ultraviolet study, 219 (1990) 251

Pade-form Hamiltonians,
Application of the Pade-form Hamiltonians for processing of vibration–rotation spectra of diatomic triatomic molecules, 218 (1990) 291
Partially ordered solids,
Vibrational studies of structural phase transitions in partially ordered solids, 217 (1990) 35
$Pb_5(GeO_4)$ $(VO_4)_2$ crystals,
Raman study of $Pb_5(GeO_4)$ $(VO_4)_2$ crystals, 219 (1990) 31
Pentachlorophenol–3-chloropyridine,
Infrared dispersion of the hydrogen-bonded pentachlorophenol–3-chloropyridine complex, 219 (1990) 221
Pentacoordinate silicon derivatives,
Spectroscopy of pentacoordinate silicon derivatives, 217 (1990) 265
Perfluoro-tert-butanol,
The pressure dependence of the OH anharmonicity constant of perfluoro-tert-butanol in non polar solvents, 218 (1990) 333
Perovskite-like,

Raman scattering of light in perovskite-like superconductor $Ba_{1-x}K_xBiO_3$, 219 (1990) 147
Phase transitions,
Vibrational studies of structural phase transitions in partially ordered solids, 217 (1990) 35
8-Phenethyl-8-azabicyclo[4.3.1]decan-10α-ol,
Conformational study of 8-phenethyl-8-azabicyclo[4.3.1]decan-10α-ol, 218 (1990) 93
3-Phenethyl-3-azabicyclo[3.2.1]octan-8-ol,
Comparative conformational study of α and β epimers of 3-phenethyl-3-azabicyclo[3.2.1]octan-8-ol with atropine and azaprophen, 218 (1990) 87
2-Phenylacetamides,
Synthesis and spectroscopic study of some new *N*-naphthyl substituted 2-phenylacetamides, 218 (1990) 81
Photoacoustic spectroscopy,
Application of photoacoustic spectroscopy in photosynthesis research, 217 (1990) 69
Photographic sciences,
Application of SERS in photographic sciences, 218 (1990) 357
Photo-induced polytype-transition,
Photo-induced polytype-transition in the layer crystals, 219 (1990) 159
Photoisomerization,
Photoisomerization of provitamin D in dispersive systems, 219 (1990) 359
Photosynthesis research,
Application of photoacoustic spectroscopy in photosynthesis research, 217 (1990) 69
Photosynthetic systems,
Spectral hole burning of model photosynthetic systems, 219 (1990) 287
Picosecond dynamics,
Picosecond dynamics in amorphous systems with local order, 217 (1990) 181
Picosecond time resolution,
Coherent Raman spectroscopy of excited electronic states of large molecules with picosecond time resolution, 217 (1990) 19
PO_2^- moiety,
The PO_2^- moiety – a hydrogen bonding acceptor in biological molecules, 219 (1990) 281
Polarized infrared reflection studies,
Polarized infrared reflection studies on $MClO_4$ (M=NH_4, K, Rb and Cs), 219 (1990) 49
Polyacene adsorptional complexes,
Electronic aspects of polyacene adsorptional complexes formation on silica surface and their fluorescence spectra, 218 (1990) 375
Polyatomic molecules,
Modelling of temperature influence on the non-linear vibronic spectra of polyatomic molecules, 218 (1990) 279
Polyfuran oligomers,
Internal rotation and vibrational properties of polyfuran oligomers, 219 (1990) 397
Polyhalogenated cyclobutanes,
The vibrational spectra and conformations of polyhalogenated cyclobutanes, 218 (1990) 51
Polymethine dyes,
Time-resolved spectroscopy of photoelectron transfer reactions of polymethine dyes, 219 (1990) 417
Polymethinic colour,
Colour and constitution: linear free energy relationships and/or polymethinic colour rules?, 219 (1990) 403
Polytype analysis,
Polytype analysis of SiC powders by Raman spectroscopy, 219 (1990) 135
Polyurethanes,
Synthesis and characterization of isophorone diisocyanate based polyurethanes, 219 (1990) 371
2-Propanol,
Vibrational spectra and force constant calculations of adsorption states of 2-propanol on TiO_2 surfaces, 218 (1990) 441
n-Propylamine-*N*-d_2,
Temperature- and solvent-dependent Raman bands of n-propylamine-*N*-d_2: a conformational study, 218 (1990) 105
Protein,
NMR and dielectric spectroscopy investigation of protein dynamical structure, 219 (1990) 293

Protein-binding,
Solution conformations of protein-binding DNA sequences: characterization by vibrational spectroscopy and energy minimization procedures, 217 (1990) 99
Protein melittin,
Picosecond fluorescence spectrochronography of protein melittin and melittin–membrane complexes, 219 (1990) 347
Provitamin D,
Photoisomerization of provitamin D in dispersive systems, 219 (1990) 359
Pyridine,
High overtones investigation of non-equivalent C–H bonds in pyridine and 2,6-lutidine by thermal lensing spectroscopy, 218 (1990) 117
Pyridine carboxylic acids,
Self-association of pyridine carboxylic acids and orotic acid in aqueous solution. An ultraviolet study, 219 (1990) 251
Pyridine *N*-oxides,
Influence of the conjugation effect on the UV-spectra of 4-substituted pyridine *N*-oxides and their conjugated acids, 218 (1990) 129
Pyrroles,
UPS investigation of 1-substituted pyrroles, 218 (1990) 201

Quasi-energy levels,
Effects of crossings and quasi-crossings of quasi-energy levels in spectra of molecules placed in a strong resonant field, 218 (1990) 339
Quinizarin,
Optical high resolution study of quinizarin adsorbed on γ-alumina powder: indication of low frequency adsorbate motions, 218 (1990) 387

Radical cations,
Electronic absorption spectrometry of radiation-produced radical cations: spectral deconvolution by bleaching and conditions for spectral purity, 218 (1990) 13
Radicals,
Fluorescence analysis of laser produced radicals and atoms, 218 (1990) 273
Raman spectroscopy,
Identification of inmpurities in GaP by Raman spectroscopy, 219 (1990) 19
Ring puckering motions,
A new treatment of the ring puckering motions by periodic functions in the Hamiltonian, 218 (1990) 327

"Selenation" method,
On the "selenation" method of assignment of organic sulphur compounds vibrational spectra, 218 (1990) 169
Semiconducting NbS_3 compound,
The electronic, vibrational and resonance Raman spectra of the layered semiconducting NbS_3 compound, 219 (1990) 183
SiC powders,
Polytype analysis of SiC powders by Raman spectroscopy, 219 (1990) 135
SiF_4,
Laser-induced fluorescence spectroscopy of SiF produced by IR multiple-photon dissociation of SiF_4, 218 (1990) 225
Silica catalysts,
FT-IR study of the Brønsted acidity of phosphated and sulphated silica catalysts, 218 (1990) 417
SO_4 ions,
Harmonic frequencies and anharmonicity constants for the antisymmetric SO_4 stretching vibrations of isomorphously isolated SO_4 ions in K_2CrO_4, 219 (1990) 171
Spectral hole burning,
Spectral hole burning of model photosynthetic systems, 219 (1990) 287
1-Stanna-bicyclo[3.3.$0^{1.5}$]octanes,
IR and Raman investigations on 5-element-1-stanna-bicyclo-[3.3.$0^{1.5}$]octanes and 2,8-dithia-5-element-1-stanna-bicyclo[3.3.$0^{1.5}$]octanes, 218 (1990) 189
Star formation,
Star formation seen with high resolution spectroscopy, 217 (1990) 363
Structural phase transition,

Vibrational exciton states and structural phase transition in chloranil crystal, 219 (1990) 131
Structure–property relations,
Structure–property relations in spectroscopy, 217 (1990) 335
Sucrose crystal,
Anharmonicity and hydrogen bonding in electrooptic sucrose crystal, 219 (1990) 95
Sulphur compounds,
On the "selenation" method of assignment of organic sulphur compounds vibrational spectra, 218 (1990) 169
Superconductor,
Raman scattering of light in perovskite-like superconductor $Ba_{1-x}K_xBiO_3$, 219 (1990) 147
Superradiance,
The dependence of superradiance intensity on separation of radiators, 219 (1990) 199
Surface plasmon resonance,
Surface plasmon resonance as a bioanalytical tool, 218 (1990) 345

Thymine,
Medium-frequency Raman spectra of crystalline uracil, thymine and their 1-methyl derivatives, 219 (1990) 305
Time-resolved spectroscopy,
Time-resolved spectroscopy of photoelectron transfer reactions of polymethine dyes, 219 (1990) 417
Total reflection experiments,
Raman study on surface layers and thin films by using total reflection experiments, 217 (1990) 253
Triblock copolymers,
Spectroscopic investigations on aqueous solution of poly(oxyethylene)–poly(oxypropylene)–poly(oxyethylene) triblock copolymers, 219 (1990) 365
N-Trimethylsilylacetamide,
$NH\cdots\pi$ molecular complexes of *N*-trimethylsilylacetamide and aromatic donor molecules, 219 (1990) 227
Triplet state,
Time-resolved resonance Raman spectroscopy of 1,3,5-hexatrienes in the lowest excited triplet state. The potential energy surface in T_1, 217 (1990) 151
Two and three dimensional structure search,
Two and three dimensional structure search to solve spectroscopic problems in industry, 217 (1990) 297
Two-dimensional NMR,
Structure elucidation of an unusual glycolipid by two-dimensional NMR methods, 219 (1990) 353

UF_4 isolated in rare gas matrices,
Jahn–Teller effect in the vibrational spectra of UF_4 isolated in rare gas matrices, 218 (1990) 33
Uracil,
Medium-frequency Raman spectra of crystalline uracil, thymine and their 1-methyl derivatives, 219 (1990) 305
NMR spectra of some 5-substituted-3-isopropyl-6-methyl uracils, 219 (1990) 317
Urea,
Determination of Raman intensities of lattice vibration in crystalline urea, 219 (1990) 7
UV-light-induced defects,
UV-light-induced defects in alkali-halide crystals KBr and KI with molecular ions NO_2^-, 219 (1990) 79

Van der Waals interactions,
Spectroscopic studies of van der Waals interactions, 217 (1990) 281
Vapour deposition processes,
In-situ FTIR emission spectroscopy on chemical vapour deposition processes, 217 (1990) 115

Water bands,
Intramolecular and intermolecular coupling of the water bands in β-$MnSO_3\cdot 3H_2O$ type compounds, 219 (1990) 59
Water librational bands,

Vibrational spectra of hexaaqua complexes: I. Assignments of water librational bands in the spectra of some alums, 219 (1990) 67

Zeolites,
Sorption states of isoelectronic linear molecules in zeolites, 218 (1990) 393
Normal coordinate analysis of *trans*- and *cis*-butene adsorbed in zeolites A, 218 (1990) 399